

Water-Data Report 2008

405543074040901 Local number 030723- MW149

 Sand and gravel aquifers (glaciated regions)
 Stratified Drift

Bergen County, NJ

LOCATION.--Lat 40°55'43", long 74°04'09" referenced to North American Datum of 1983, Paramus Borough, Bergen County, NJ, Hydrologic Unit 02030103.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 38 ft. Upper casing diameter 2 in; top of first opening 18 ft, bottom of last opening 38 ft.

DATUM.--Land-surface datum is 72 ft above National Geodetic Vertical Datum of 1929. Measuring point: Undefined.

PERIOD OF RECORD.--Water years 2004, 2008.

REMARKS.--New Jersey Department of Environmental Protection Watershed Management Area 4. Urban Land Use Indicator.

COOPERATION.--Physical measurements and samples for laboratory analyses were provided by personnel of the New Jersey Department of Environmental Protection.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 1 of 11

[Remark codes: <, less than; R, radchem non-detect, below ssLc.]

Date	Time	Depth to water level, feet below	Pump or flow rate, instantaneous	Turbidity white light, 90+/-30°	Barometric pressure, mm Hg	Dissolved oxygen, mg/L	pH, unfiltrated water, percent of saturation	Specific conductance, µS/cm	Temperature, water, deg C	Hardness, water, mg/L as CaCO3	Calcium, water, mg/L
	LSD (72019)	(00059)	Flow period prior to sampling, minutes	Barometric pressure, NTRU	mm Hg	(00025)	(00300)	(00400)	(00095)	(00010)	(00900)
Jul 16...	1030	12.50	.50	45	3.0	765	5.3	52	7.1	5,410	13.9
										750	233

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 2 of 11

[Remark codes: <, less than; R, radchem non-detect, below ssLc.]

Date	Magnesium, water, filtrated, mg/L	Potassium, water, filtrated, mg/L	Sodium, water, filtrated, mg/L	ANC, wat unf fixed	Alkalinity, wat flt inf pt	Bicarbonate, wat flt infl pt	Chloride, titr., field, titr., lab, field, titr.,	Fluoride, water, filtrated, mg/L	Silica, water, filtrated, mg/L	Sulfate, water, filtrated, mg/L	Residue water, on evap. + water, sum of constituents	Residue water, at 180degC water, mg/L	Ammonia, water, mg/L as N
	(00925)	(00935)	(00930)	(90410)	(39086)	(00453)	(00940)	(00950)	(00955)	(00945)	(70301)	(70300)	(00623)
Jul 16...	40.6	2.48	779	269	249	303	1,580	<.12	23.6	63.7	2,880	3,530	.15

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 3 of 11

[Remark codes: <, less than; R, radchem non-detect, below ssLc.]

Date	Nitrate + Ammonia water, filtrd, mg/L as N (00608)		Nitrite water, filtrd, mg/L as N (00631)	Ortho- phos- phate, water, filtrd, mg/L as P (00671)		Organic carbon, water, filtrd, mg/L (00681)	Alum- inum, water, filtrd, mg/L (01106)	Anti- mony, water, filtrd, mg/L (01095)	Arsenic water, filtrd, mg/L (01000)	Barium, water, filtrd, mg/L (01005)	Beryll- ium, water, filtrd, mg/L (01010)	Boron, water, filtrd, mg/L (01020)	Cadmium water, filtrd, mg/L (01025)	Chrom- ium, water, filtrd, mg/L (01030)
	water, filtrd, mg/L as N (00613)	water, filtrd, mg/L as N (00613)	water, filtrd, mg/L as P (00671)	water, filtrd, mg/L (00681)	water, filtrd, mg/L (01106)	water, filtrd, mg/L (01095)	water, filtrd, mg/L (01000)	water, filtrd, mg/L (01005)	water, filtrd, mg/L (01010)	water, filtrd, mg/L (01020)	water, filtrd, mg/L (01025)	water, filtrd, mg/L (01030)	water, filtrd, mg/L (01030)	water, filtrd, mg/L (01030)
Jul 16...	<.020	2.96	<.002	.024	1.8	<4.8	<.42	.40	278	<.02	25	<.12	.91	

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 4 of 11

[Remark codes: <, less than; R, radchem non-detect, below ssLc.]

Date	Copper, water, filtrd, μg/L (01040)	Iron, water, filtrd, μg/L (01046)	Lead, water, filtrd, μg/L (01049)	Manganese, water, filtrd, μg/L (01056)	Mercury water, filtrd, μg/L (71890)	Nickel, water, filtrd, μg/L (01065)	Selenium, water, filtrd, μg/L (01145)	Silver, water, filtrd, μg/L (01075)	Thallium, water, filtrd, μg/L (01057)	Zinc, water, filtrd, μg/L (01090)	1-Naphthal, water, filtrd, 0.7u GF (49295)	2,6-Diethyl- aniline, water, filtrd, 0.7u GF (82660)	2-Chloro- acetanilide, water, filtrd, μg/L (61618)	
	water, filtrd, μg/L (01040)	water, filtrd, μg/L (01046)	water, filtrd, μg/L (01049)	water, filtrd, μg/L (01056)	water, filtrd, μg/L (71890)	water, filtrd, μg/L (01065)	water, filtrd, μg/L (01145)	water, filtrd, μg/L (01075)	water, filtrd, μg/L (01057)	water, filtrd, μg/L (01090)	water, filtrd, μg/L (49295)	water, filtrd, μg/L (82660)	water, filtrd, μg/L (61618)	
Jul 16...	<3.0	<24	<.24	.7	<.010	.84	.31	<.3	<.12	<5.4	<.04	<.006	<.010	

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 5 of 11

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Date	2-Ethyl -6-methyl- CIAT, water, filtrd, μg/L (04040)	3,4-Di- chloro- aniline, water, filtrd, μg/L (61620)	3,5-Di- chloro- aniline, water, filtrd, μg/L (61625)	4-Chloro- 2methyl phenol, water, filtrd, μg/L (61627)	Aceto- chlor, water, filtrd, μg/L (61633)	Alpha- Endochlor, water, filtrd, μg/L (49260)	Ala- chlor, water, filtrd, μg/L (46342)	Endo- sulfan, water, filtrd, μg/L (34362)	Atra- zine, water, filtrd, μg/L (39632)	Azinophos- methoxon, water, filtrd, μg/L (61635)	Azinophos- methyl, water, filtrd, μg/L (82686)	Benzofuran, water, filtrd, μg/L (82673)	Carbaryl, water, filtrd, μg/L (82680)	
	water, filtrd, μg/L (04040)	water, filtrd, μg/L (61620)	water, filtrd, μg/L (61625)	water, filtrd, μg/L (61627)	water, filtrd, μg/L (61633)	water, filtrd, μg/L (49260)	water, filtrd, μg/L (46342)	water, filtrd, μg/L (34362)	water, filtrd, μg/L (39632)	water, filtrd, μg/L (61635)	water, filtrd, μg/L (82686)	water, filtrd, μg/L (82673)	water, filtrd, μg/L (82680)	
Jul 16...	<.014	<.010	<.006	<.008	<.005	<.006	<.006	<.006	<.007	<.04	<.120	<.010	<.060	

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 6 of 11

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Date	Carbo-furan, water, fltrd, 0.7u GF μg/L (82674)	Chlor-pyrifos oxon, water, fltrd, 0.7u GF μg/L (82674)	Chlor-pyrifos water, fltrd, 0.7u GF μg/L (82687)	cis-Per-methrin water 0.7u GF μg/L (79846)	cis-Propi-conazole, water, fltrd, 0.7u GF μg/L (79846)	Cyana-zine, water, fltrd, 0.7u GF μg/L (04041)	Cyflu-thrin, water, fltrd, 0.7u GF μg/L (61585)	Iambda-thrin, water, fltrd, 0.7u GF μg/L (61595)	Cyhalo-thrin, water, fltrd, 0.7u GF μg/L (61586)	Cyper-methrin water, fltrd, 0.7u GF μg/L (82682)	DCPA, water, fltrd, 0.7u GF μg/L (62170)	Desulf-inyl-fipro-nil, water, fltrd, 0.7u GF μg/L (39572)	Diazi-non, water, fltrd, 0.7u GF μg/L (38454)
Jul 16...	<.020	<.06	<.005	<.010	<.006	<.020	<.016	<.004	<.014	<.003	<.012	<.005	<.08

WATER-QUALITY DATA
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Date	Diel-drin, water, fltrd, 0.7u GF μg/L (39381)	Dimeth-oate, water, fltrd, 0.7u GF μg/L (82662)	Disulf-ton sulfone water, fltrd, 0.7u GF μg/L (61640)	Disul-foton, water, fltrd, 0.7u GF μg/L (82677)	Endo-sulfan sulfate water, fltrd, 0.7u GF μg/L (61590)	EPTC, water, fltrd, 0.7u GF μg/L (82668)	Ethion monoxon water, fltrd, 0.7u GF μg/L (61644)	Ethion Ethion, water, fltrd, 0.7u GF μg/L (82346)	Etho-prop, water, fltrd, 0.7u GF μg/L (82672)	Fenami-phos sulfone water, fltrd, 0.7u GF μg/L (61645)	Fenami-phos sulf-oxide, water, fltrd, 0.7u GF μg/L (61646)	Fenami-phos, water, fltrd, 0.7u GF μg/L (61591)	Desulf-inyl-fipro-nil water, amide, wat flt μg/L (62169)
Jul 16...	<.009	<.006	<.01	<.04	<.022	<.002	<.02	<.006	<.012	<.053	<.20	<.03	<.029

WATER-QUALITY DATA
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Part 8 of 11

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Date	Fipro-nil sulfide water, fltrd, 0.7u GF μg/L (62167)	Fipro-nil sulfone water, fltrd, 0.7u GF μg/L (62168)	Fipro-nil water, fltrd, 0.7u GF μg/L (62166)	Fonofos water, fltrd, 0.7u GF μg/L (04095)	Hexa-zinone, water, fltrd, 0.7u GF μg/L (04025)	Ipro-dione, water, fltrd, 0.7u GF μg/L (61593)	Isofen-phos water, fltrd, 0.7u GF μg/L (61594)	Mala-oxon, water, fltrd, 0.7u GF μg/L (61652)	Mala-thion, water, fltrd, 0.7u GF μg/L (39532)	Meta-laxyl, water, fltrd, 0.7u GF μg/L (61596)	Methid-athion, water, fltrd, 0.7u GF μg/L (61598)	Methyl-paraoxon, water, fltrd, 0.7u GF μg/L (61664)	Methyl-parathion, water, fltrd, 0.7u GF μg/L (82667)
Jul 16...	<.013	<.024	<.020	<.010	<.008	<.01	<.006	<.020	<.016	<.007	<.004	<.01	<.008

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 9 of 11

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Date	Metola-	Metri-	Moli-	Oxy-	Pendi-					Propy-			
	chlor,	buzin,	nate, water,	Myclo- butanil	fluor- fen,	meth- alin, water,	Phorate oxon, water,	Phorate oxon, water,	Phosmet	Promet ton, water,	Prometryn, water,		
	water,	water,	water,	water,	water,	water,	water,	water,	water,	water,	filtrd		
	filtrd,	filtrd,	0.7u GF	filtrd,	filtrd,	0.7u GF	filtrd,	0.7u GF	filtrd,	filtrd,	0.7u GF		
	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L		
	(39415)	(82630)	(82671)	(61599)	(61600)	(82683)	(61666)	(82664)	(61668)	(61601)	(04037)		
Jul													
16...	<.010	<.012	<.003	<.010	<.006	<.012	<.03	<.040	<.06	<.008	<.01	<.006	<.004

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 10 of 11

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Date	Pro-	Propar-	Sima-	Tebu-	Ter-					Tri-			
	panil,	gite,	zine,	thiuron	bufos	Terbu-	Ter-	Thio-	trans-	flur-	Di-		
	water,	water,	water,	water,	bufos	oxon	buthyl-	bencarb	Propi-	alin,	chlor-		
	filtrd,	filtrd,	filtrd,	filtrd,	sulfone	water,	water,	water,	zole,	water,	vos,		
	0.7u GF	0.7u GF	0.7u GF	0.7u GF	water,	filtrd,	filtrd,	filtrd,	water,	filtrd,	water,		
	μg/L												
	(82679)	(82685)	(04035)	(82670)	(61606)	(61674)	(82675)	(04022)	(82681)	(79847)	(61610)		
Jul													
16...	<.006	<.04	<.006	<.02	<.003	<.04	<.02	<.01	<.010	<.02	<.035	<.009	<.01

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 11 of 11

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Date	Alpha	Alpha	Beta	Beta
	radioac	radioac	radioac	radioac
	30 day,	72 hr,	30 day,	72 hr,
	wat flt	wat flt	wat flt	wat flt
	Th-230,	Th-230,	Cs-137,	Cs-137,
	pCi/L	pCi/L	pCi/L	pCi/L
	(62639)	(62636)	(62645)	(62642)

Jul				
16...	R-3	R.0	R4	R1